

South Texas Project Nuclear Operating Company P.O. Box 289 Wadsworth, Texas 77483

November 15, 2000 NOC-AE-00000955 File No. G02 STI31195499 10CFR50.71

U. S. Nuclear Regulatory Commission Attention: Document Control Desk Washington, DC 20555

South Texas Project
Units 1 and 2
Docket Nos. STN 50-498, STN 50-499
Monthly Operating Reports for October, 2000

Pursuant to 10CFR50.71(a) and South Texas Project Electric Generating Station (STPEGS) Technical Specification 6.9.1.5, attached are the Monthly Operating Reports for October 2000.

If you should have any questions on this matter, please contact R. L. Hill at (361) 972-7667.

Sincerely,

F. H. Mallen

Manager, Planning & Controls

C. A. Ganak for F.H. Mallen

Attachments: 1) STPEGS Unit 1 Monthly Operating Report – October 2000

2) STPEGS Unit 2 Monthly Operating Report – October 2000

Ital

NOC-AE-00000955 File No.: G02

Page 2

cc:

Ellis W. Merschoff Regional Administrator, Region IV U.S. Nuclear Regulatory Commission 611 Ryan Plaza Drive, Suite 400 Arlington, Texas 76011-8064

John A. Nakoski Addressee Only U. S. Nuclear Regulatory Commission Project Manager, Mail Stop OWFN/7-D-1 Washington, DC 20555-0001

Tae (T. J.) Kim Addressee Only U. S. Nuclear Regulatory Commission Project Manager, Mail Stop OWFN/7-D-1 Washington, DC 20555

Cornelius F. O'Keefe c/o U. S. Nuclear Regulatory Commission P. O. Box 910 Bay City, TX 77404-0910

A. H. Gutterman, Esquire Morgan, Lewis & Bockius 1800 M. Street, N.W. Washington, DC 20036-5869

M. T. Hardt/W. C. Gunst City Public Service P. O. Box 1771 San Antonio, TX 78296

A. Ramirez/C. M. Canady City of Austin Electric Utility Department 721 Barton Springs Road Austin, TX 78704 Jon C. Wood Matthews & Branscomb 112 East Pecan, Suite 1100 San Antonio, Texas 78205-3692

Institute of Nuclear Power Operations - Records Center 700 Galleria Parkway Atlanta, GA 30339-5957

Richard A. Ratliff Bureau of Radiation Control Texas Department of Health 1100 West 49th Street Austin, TX 78756-3189

D. G. Tees/R. L. Balcom Houston Lighting & Power Co. P. O. Box 1700 Houston, TX 77251

C. A. Johnson/R. P. Powers AEP - Central Power and Light Company P. O. Box 289, Mail Code: N5012 Wadsworth, TX 77483

U. S. Nuclear Regulatory Commission Attention: Document Control Desk Washington, D.C. 20555-0001

SOUTH TEXAS PROJECT

ELECTRIC GENERATING STATION

UNIT 1

MONTHLY OPERATING REPORT

OCTOBER 2000

STP NUCLEAR OPERATING COMPANY

NRC DOCKET NO. 50-498

LICENSE NO. NPF-76

Approved By:

GI PARKEY

///// Date

Date

MONTHLY SUMMARY

South Texas Project Unit 1 operated during the reporting period at full power with no unit shutdowns or significant power reductions.

OPERATING DATA REPORT

DOCKET NO. 50-498

UNIT 1

DATE Nov. 6, 2000

COMPLETED BY R.L. Hill

TELEPHONE 361 972-7667

OPERATING STATUS

- 1. REPORTING PERIOD: 10/1/00-10/31/00 GROSS HOURS IN REPORTING PERIOD: 745
- 2. CURRENTLY AUTHORIZED POWER LEVEL (Mwt): 3800 MAXIMUM DEPENDABLE CAPACITY (MWe-Net): 1250.6 DESIGN ELECTRICAL RATING (MWe-Net): 1250.6
- 3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): None
- 4. REASONS FOR RESTRICTION (IF ANY): N/A

| | | THIS MONTH | YR TO DATE | CUMULATIVE |
|-----|---|----------------|------------------|--------------------|
| 5. | NUMBER OF HOURS REACTOR CRITICAL | <u>745.0</u> | <u>5,591.6</u> | 80,287.9 |
| 6. | REACTOR RESERVE SHUTDOWN HOURS | <u>0</u> | <u>0</u> | <u>0</u> |
| 7. | HOURS GENERATOR ON LINE | <u>745.0</u> | <u>5,527.5</u> | <u>78,701.0</u> |
| 8. | UNIT RESERVE SHUTDOWN HOURS | <u>0</u> | <u>0</u> | <u>0</u> |
| 9. | GROSS THERMAL ENERGY GENERATED (MWH) | 2,843,512 | 20,789,987 | <u>292,826,447</u> |
| 10. | GROSS ELECTRICAL ENERGY GENERATED (MWH) | 985,129 | <u>7,167,868</u> | 99,952,920 |
| 11. | NET ELECTRICAL ENERGY GENERATED (MWH) | <u>944,490</u> | 6,856,177 | 95,274,240 |
| 12. | REACTOR SERVICE FACTOR | 100.0% | <u>76.4%</u> | <u>75.2%</u> |
| 13. | REACTOR AVAILABILITY FACTOR | <u>100.0%</u> | <u>76.4%</u> | <u>75.2%</u> |
| 14. | UNIT SERVICE FACTOR | 100.0% | <u>75.5%</u> | <u>73.7%</u> |
| 15. | UNIT AVAILABILITY FACTOR | <u>100.0%</u> | <u>75.5%</u> | <u>73.7%</u> |
| 16. | UNIT CAPACITY FACTOR (Using MDC) | <u>101.4%</u> | <u>74.9%</u> | <u>71.3%</u> |
| 17. | UNIT CAPACITY FACTOR (Using Design MWe) | <u>101.4%</u> | <u>74.9%</u> | <u>71.3%</u> |
| 18. | UNIT FORCED OUTAGE RATE | 0.0% | 0.0% | <u>15.7%</u> |

- 19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, & DURATION OF EACH): N/A
- 20. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: N/A

AVERAGE DAILY UNIT POWER LEVEL

 DOCKET NO.
 50-498

 UNIT
 1

 DATE
 Nov. 6, 2000

 COMPLETED BY
 R.L. Hill

 TELEPHONE
 361 972-7667

MONTH OCTOBER

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|---|-----|---|
| 1 | <u>1266</u> | 17 | <u>1266</u> |
| 2 | <u>1266</u> | 18 | <u>1270</u> |
| 3 | <u>1266</u> | 19 | <u>1269</u> |
| 4 | <u>1266</u> | 20 | <u>1268</u> |
| 5 | <u>1264</u> | 21 | <u>1269</u> |
| 6 | <u>1264</u> | 22 | <u>1268</u> |
| 7 | <u>1267</u> | 23 | <u>1267</u> |
| 8 | <u>1270</u> | 24 | <u>1267</u> |
| 9 | <u>1270</u> | 25 | <u>1266</u> |
| 10 | <u>1270</u> | 26 | <u>1267</u> |
| 11 | <u>1270</u> | 27 | <u>1268</u> |
| 12 | <u>1271</u> | 28 | <u>1267</u> |
| 13 | <u>1271</u> | 29 | <u>1267</u> |
| 14 | <u>1270</u> | 30 | <u>1267</u> |
| 15 | <u>1271</u> | 31 | <u>1266</u> |
| 16 | 1269 | | |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498

UNIT $\frac{1}{1}$

DATE Nov. 6, 2000

COMPLETED BY R.L. Hill

TELEPHONE 361 972-7667

REPORT MONTH OCTOBER

| No. | Date | 1 Type | Duration (Hours) | Reason | Method of Shutting Down Reactor | Licensee Event Report # | System Code | Component Code | Cause & Corrective Action to Prevent Recurrence |
|-----|------|-----------|---------------------|----------|---------------------------------|-------------------------------|----------------|-------------------|---|
| | тнег | RE WERE N | IO UNIT SH | IUTDOWN: | S OR SIGNIF | ICANT PO | WER REDU | ICTIONS DUR | ING THE REPORTING PERIOD |

2

3

F: Forced

Reason:

Method:

IEEE 805-1983

IEEE 803-1983

S: Scheduled

A-Equipment Failure (Explain) B-Maintenance or Test

1-Manual

C-Refueling D-Regulatory Restriction

2-Manual Scram 3-Automatic Scram 4-Cont. of Existing

E-Operator Training & License Exam. Outage

5-Reduction

G-Operational Error (Explain)

9-Other

H-Other (Explain)

F-Administrative

PORVS AND SAFETY VALVE SUMMARY

There were no PORV or Safety Valves challenged during the reporting period.

SOUTH TEXAS PROJECT

ELECTRIC GENERATING STATION

UNIT 2

MONTHLY OPERATING REPORT

OCTOBER 2000

STP NUCLEAR OPERATING COMPANY

NRC DOCKET NO. 50-499

LICENSE NO. NPF-80

Approved By: G.L. PARKY Date

MONTHLY SUMMARY

| South Texas Project Unit 2 operated during the reporting | period at full power | with no unit | shutdowns or |
|--|----------------------|--------------|--------------|
| significant power reductions. | | | |

OPERATING DATA REPORT

DOCKETNO. <u>50-499</u> UNIT <u>2</u> DATE <u>Nov. 6, 2000</u>

COMPLETED BY R.L. Hill
TELEPHONE 361 972-7667

OPERATING STATUS

- 1. REPORTING PERIOD: 10/1/00-10/31/00 GROSS HOURS IN REPORTING PERIOD: 745
- 2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3800
 MAXIMUM DEPENDABLE CAPACITY (MWe-Net): 1250.6
 DESIGN ELECTRICAL RATING (MWe-Net): 1250.6
- 3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): None
- 4. REASONS FOR RESTRICTION (IF ANY): N/A

| | | THIS MONTH | YR TO DATE | CUMULATIVE |
|-----|---|------------------|------------------|-----------------|
| 5. | NUMBER OF HOURS REACTOR CRITICAL | <u>745.0</u> | <u>7,320.0</u> | <u>78,469.3</u> |
| 6. | REACTOR RESERVE SHUTDOWN HOURS | <u>0</u> | <u>0</u> | <u>0</u> |
| 7. | HOURS GENERATOR ON LINE | <u>745.0</u> | <u>6,986.4</u> | <u>76,409.7</u> |
| 8. | UNIT RESERVE SHUTDOWN HOURS | <u>0</u> | <u>0</u> | <u>0</u> |
| 9. | GROSS THERMAL ENERGY GENERATED (MWH) | <u>2,842,871</u> | 26,594,352 | 284,534,814 |
| 10. | GROSS ELECTRICAL ENERGY GENERATED (MWH) | <u>978,974</u> | 9,102,044 | 96,935,907 |
| 11. | NET ELECTRICAL ENERGY GENERATED (MWH) | 938,280 | <u>8,708,049</u> | 92,571,397 |
| 12. | REACTOR SERVICE FACTOR | 100.0% | 100.0% | <u>78.7%</u> |
| 13. | REACTOR AVAILABILITY FACTOR | <u>100.0%</u> | 100.0% | <u>78.7%</u> |
| 14. | UNIT SERVICE FACTOR | <u>100.0%</u> | <u>95.4%</u> | <u>76.7%</u> |
| 15. | UNIT AVAILABILITY FACTOR | <u>100.0%</u> | <u>95.4%</u> | <u>76.7%</u> |
| 16. | UNIT CAPACITY FACTOR (Using MDC) | 100.7% | <u>95.1%</u> | <u>74.3%</u> |
| 17. | UNIT CAPACITY FACTOR (Using Design MWe) | <u>100.7%</u> | <u>95.1%</u> | <u>74.3%</u> |
| 18. | UNIT FORCED OUTAGE RATE | 0.0% | 2.5% | <u>15.0%</u> |

- SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, & DURATION OF EACH):
 Scheduled 25 day outage to allow refueling to begin on March 7, 2001.
- 20. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: N/A

AVERAGE DAILY UNIT POWER LEVEL

DOCKETNO. 50-499
UNIT 2
DATE Nov. 6, 2000
COMPLETED BY R.L. Hill
TELEPHONE 361 972-7667

MONTH OCTOBER

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|---|-----|---|
| 1 | 1258 | 17 | 1260 |
| 2 | 1258 | 18 | <u>1261</u> |
| 3 | <u>1256</u> | 19 | 1260 |
| 4 | <u>1256</u> | 20 | <u>1261</u> |
| 5 | <u>1255</u> | 21 | <u>1259</u> |
| 6 | <u>1254</u> | 22 | 1250 |
| 7 | <u>1256</u> | 23 | <u>1259</u> |
| 8 | 1258 | 24 | 1259 |
| 9 | 1261 | 25 | <u>1259</u> |
| 10 | <u>1264</u> | 26 | 1261 |
| 11 | <u>1263</u> | 27 | 1261 |
| 12 | <u>1264</u> | 28 | <u>1260</u> |
| 13 | <u>1263</u> | 29 | <u>1261</u> |
| 14 | <u>1263</u> | 30 | <u>1260</u> |
| 15 | <u>1262</u> | 31 | 1260 |
| 16 | <u>1261</u> | | |
| | | | |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499

UNIT $\frac{1}{2}$

DATE Nov. 6, 2000

COMPLETED BY R.L. Hill

IEEE 803-1983

IEEE 805-1983

TELEPHONE 361 972-7667

REPORT MONTH OCTOBER

| Down Report # Reactor | |
|-----------------------|--|
|-----------------------|--|

THERE WERE NO UNIT SHUTDOWNS OR SIGNIFICANT POWER REDUCTIONS DURING THE REPORTING PERIOD

F: Forced S: Scheduled 2

Reason:

A-Equipment Failure (Explain)

B-Maintenance or Test

C-Refueling

D-Regulatory Restriction

E-Operator Training & License Exam

F-Administrative G-Operational Error (Explain)

H-Other (Explain)

3

Method:

1-Manual

2-Manual Scram

3-Automatic Scram 4-Cont. of Existing

Outage

5-Reduction 9-Other

PORVS AND SAFETY VALVE SUMMARY

There were no PORV or Safety Valves challenged during the reporting period.